

Alberta's Oil and Gas Sector: Past, Present and Future

It takes place on Wednesdays at 1p.m.

January 6, 2021 Presenter Mr Alvin Winestock

January 13, 2021 Presenter Dr Jacob Masliyah

January 20, 2021 Presenter Dr Eddy Isaacs

January 27, 2021 Presenter Dr Randall Morck

Please register in advance for this meeting:

https://us02web.zoom.us/meeting/register/tZMpdO-vrDkjGNeN_RG9bmUM_P4Pz16KUemF

After registering, you will receive a confirmation about your registration.

After the Centre receives your payment the unique link to join this series will be sent to you.

Fee for the series: \$ 40 for members and \$ 46 for non-members

Wednesday January 6, 2021 at 1p.m.

Mr Alvin Winestock

Alberta's Oil and Gas Sector - The Capabilities and Contributions of Albertans And Canadians To Our Own Technical and Commercial Success

The Alberta oil & gas industry can recollect a colorful past and, through its own technology development, can point to an impressive present. But, what of its future? This talk will highlight key past and present accomplishments within the industry by Albertans and Canadians. It will then begin the discussion of our energy future – a topic which will be broadened and deepened in the subsequent talks of this series.

Bio:

After graduating in Engineering Physics from the University of British Columbia, Alvin Winestock worked at Imperial Oil and Exxon Research labs as a Senior Reservoir Engineer from 1958-74.

Subsequently served as an independent consultant to industry and government in a large number of capacities pertaining to in-situ oil sands R&D and project development.

Wednesday January 13, 2021 at 1p.m.

Dr Jacob Masliyah

Athabasca Oil Sands Bitumen Production and Environmental Implications

Canada holds the world third largest oil reserve. In 2019, the daily bitumen production was over three million barrels.

Surface mining operations in terms of production and environmental impact on land, water greenhouse gases will be discussed.

Bio:

Professor Jacob Masliyah joined the University of Alberta in 1977.

In mid 1990s, he established research program at UofA for the study of bitumen extraction from oil sands.

He is an Officer of the Order of Canada and Fellow of the Royal Society of Canada.

Wednesday January 20 2021

Dr Eddy Isaacs

***Net-Zero Emissions: Climate Change Solutions or
Climate Change Delusions?***

Governments around the world are under pressure to undertake urgent and bold actions to deliver huge greenhouse gas emissions reduction to avoid the catastrophic effects of a warming climate. Many countries have committed to transition to a net-zero economy by 2050. Canada, in November 2020 also made this commitment and the Canadian Net-Zero Emissions Accountability Act was tabled to set rolling five-year binding emissions-reduction targets and chart pathways to net-zero by 2050. Achieving net-zero emissions means the economy either emits no greenhouse gas emissions or offsets its emissions, for example, through actions such as tree planting or employing technologies that can capture carbon before it is released into the air.

This lecture will review the history of climate change agreements, examine strategies to limit the global temperature increase and assess mitigation pathways that are being promoted globally for displacing fossil fuels and achieving net-zero emissions. The impact on Alberta will also be discussed.

Bio:

Professor Eddy Isaacs is the former CEO of Alberta Innovates – Energy & Environment Solutions and currently an Executive Fellow of the School of Public Policy at the University of Calgary. He also serves as Past-President of the Canadian Academy of Engineering.

Eddy holds a Ph.D. from the University of Alberta and a B.Sc. from McGill University.

Wednesday January 27, 2021 at 1p.m.

Dr Randall Morck

Economic Prospects for Alberta and Canada

The energy sector accounts for 10% of Canada's GDP and over 25% of Alberta's GDP. Prospects for post-pandemic economic recovery and sustained long-run prosperity will be discussed.

Bio:

Professor Randall Morck joined the University of Alberta in 1986. He has advised the World Bank and various national governments (including Israel), and has taught at Harvard and Yale. He is a Research Associate with the National Bureau of Economic Research in the United States and is the most highly cited economist in Canada.